

Data File : VU035983.D
Acq On : 04 Dec 2019 20:15
Operator : JC/SP
Sample : K6132-08 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR9

Quant Time: Dec 05 04:00:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	282801	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	313042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136813	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	114556	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	148345	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.69	46	255154	44.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.40%
24) Chloroform-d	5.11	84	206970	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.75	65	109358	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.77	84	396843	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.73	67	130720	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.93	98	313766	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.21	79	45506	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.68	63	178838	37.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107781	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	96164	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

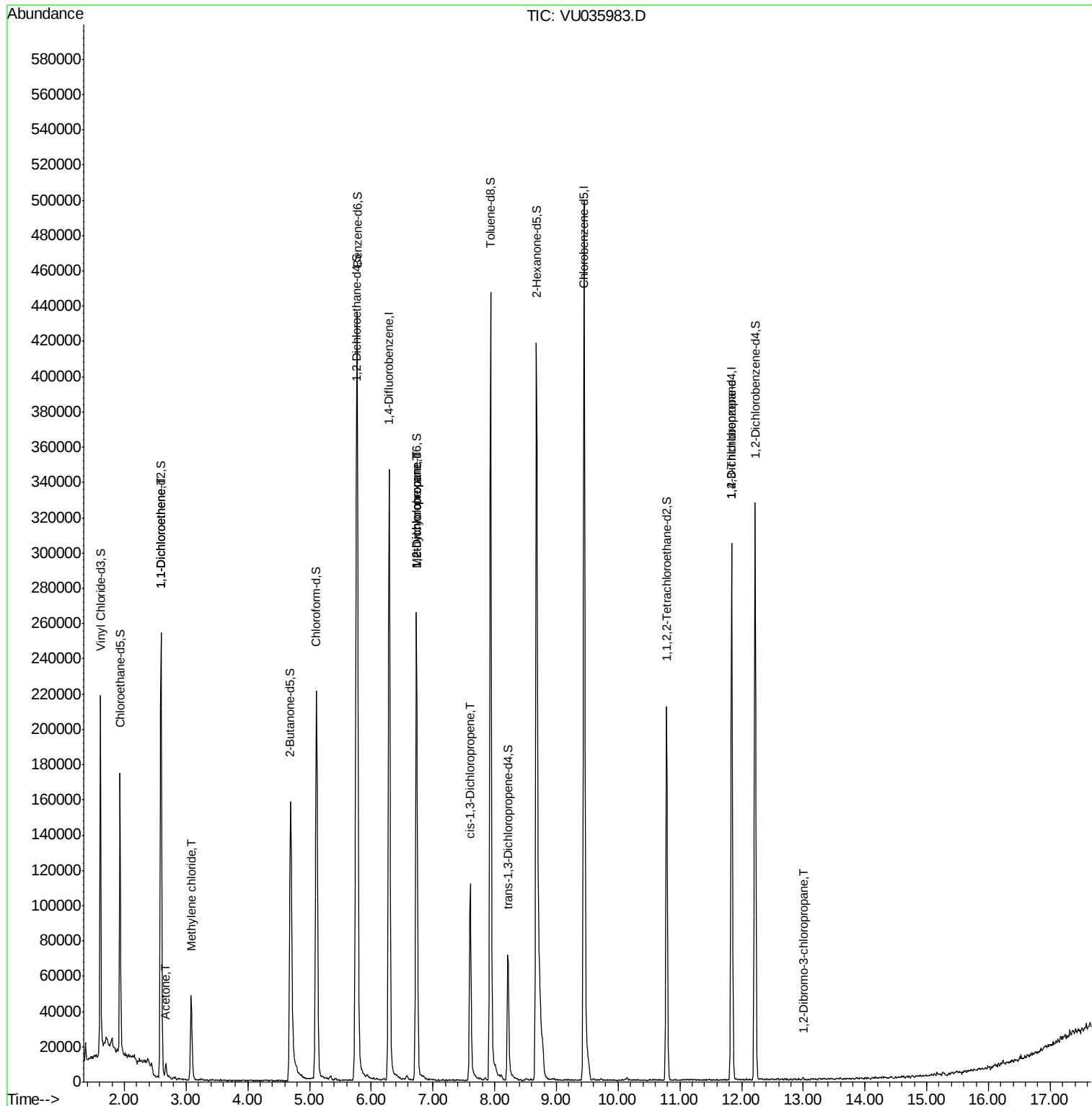
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1284	0.063 ug/L #	1
13) Acetone	2.67	43	8993	1.742 ug/L	98
16) Methylene chloride	3.08	84	22638	0.721 ug/L	95
35) Methylcyclohexane	6.73	83	29633	0.794 ug/L #	17
37) 1,2-Dichloropropane	6.74	63	13928	0.523 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	2888	0.082 ug/L #	45
59) 1,2,3-Trichloropropane	11.84	75	10842	0.626 ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.00	75	332	0.145 ug/L #	8

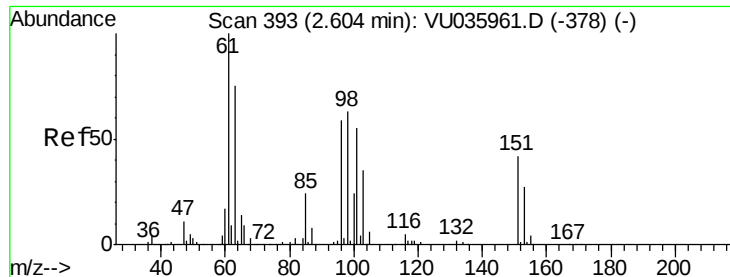
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU035983.D

Acq: 04 Dec 2019 20:15

Instrument :

MSVOA_U

ClientSampleId :

BFQR9

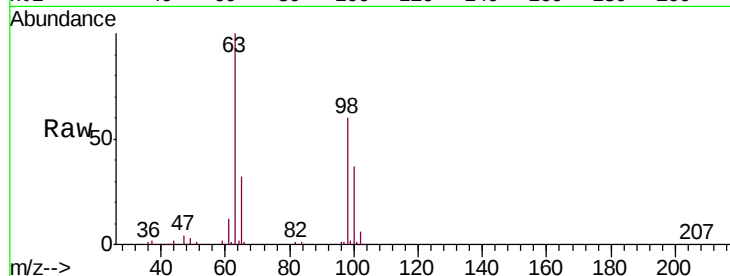
Tgt Ion: 96 Resp: 1284

Ion Ratio Lower Upper

96 100

61 1479.2 127.1 236.1#

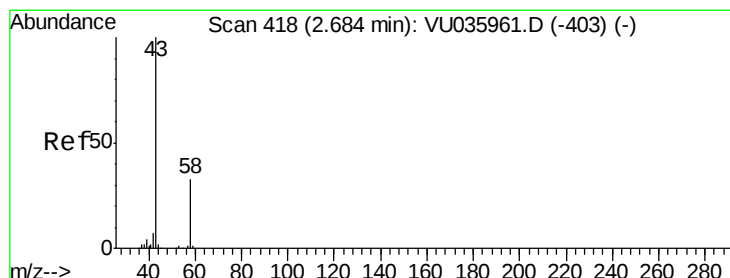
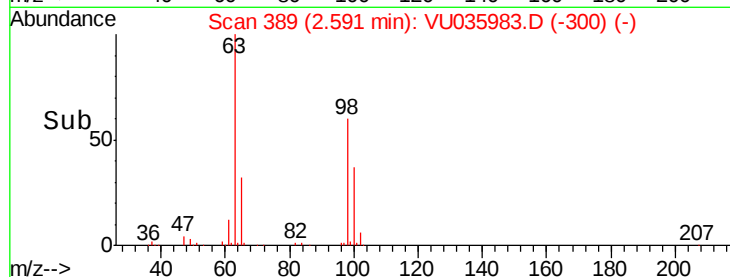
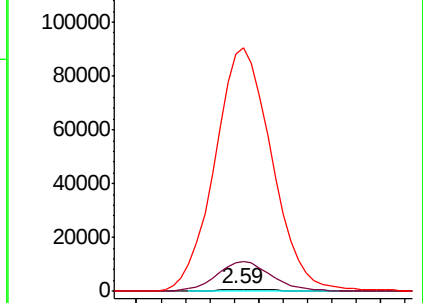
63 12221.1 86.0 159.8#



Abundance Ion 96.00 (95.70 to 96.70): VU035983.D (-389) (-)

Ion 61.05 (60.75 to 61.75): VU035983.D (-389) (-)

Ion 63.00 (62.70 to 63.70): VU035983.D (-389) (-)



#13

Acetone

Concen: 1.742 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035983.D

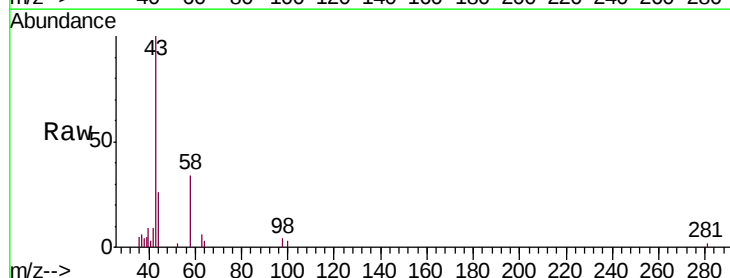
Acq: 04 Dec 2019 20:15

Tgt Ion: 43 Resp: 8993

Ion Ratio Lower Upper

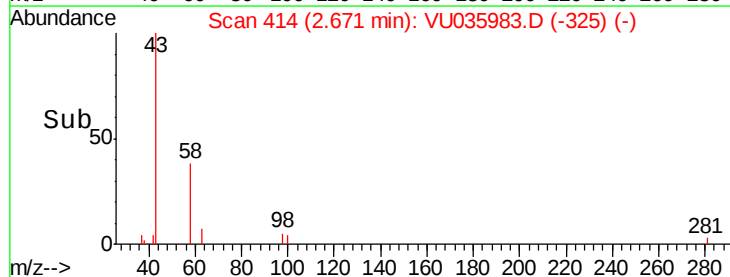
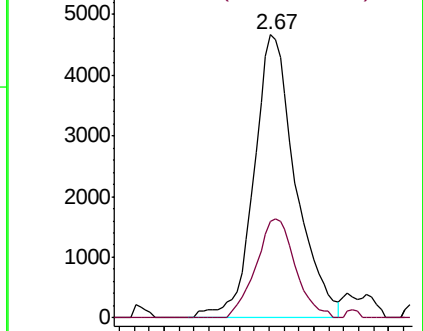
43 100

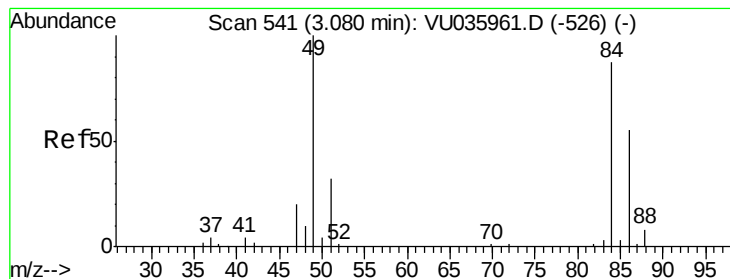
58 33.2 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035983.D (-414) (-)

Ion 58.05 (57.75 to 58.75): VU035983.D (-414) (-)





#16

Methylene chloride

Concen: 0.721 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

BFQR9

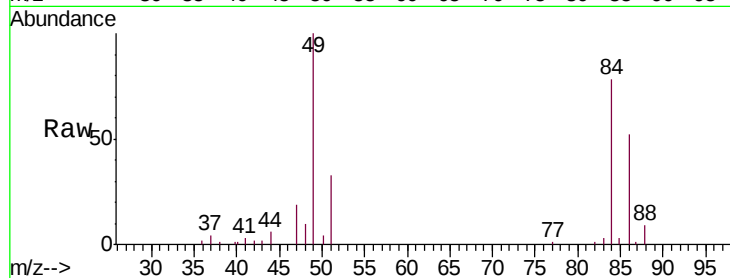
Tgt Ion: 84 Resp: 22638

Ion Ratio Lower Upper

84 100

86 67.3 44.7 82.9

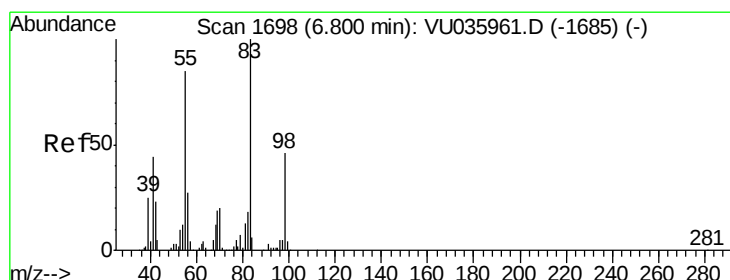
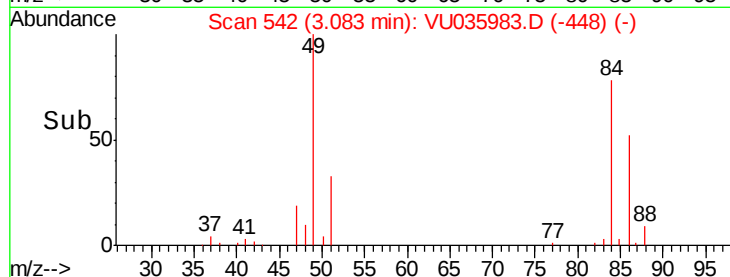
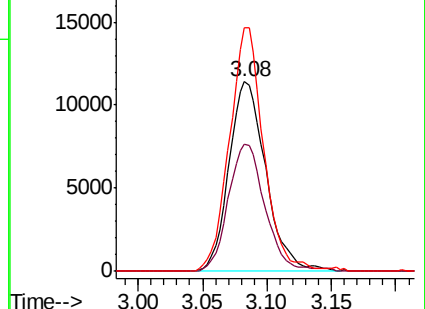
49 128.5 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU035983.D (-1605) (-)

Ion 86.00 (85.70 to 86.70): VU035983.D (-1605) (-)

Ion 49.10 (48.80 to 49.80): VU035983.D (-1605) (-)



#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035983.D

Acq: 04 Dec 2019 20:15

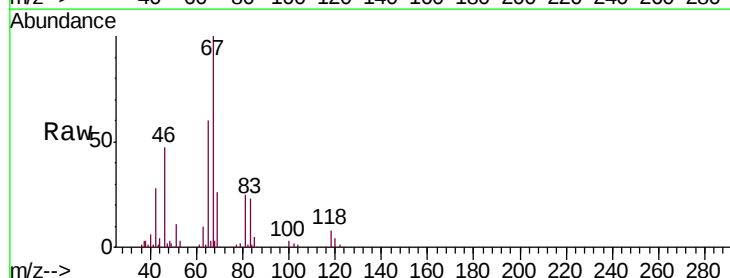
Tgt Ion: 83 Resp: 29633

Ion Ratio Lower Upper

83 100

55 0.3 67.4 101.0#

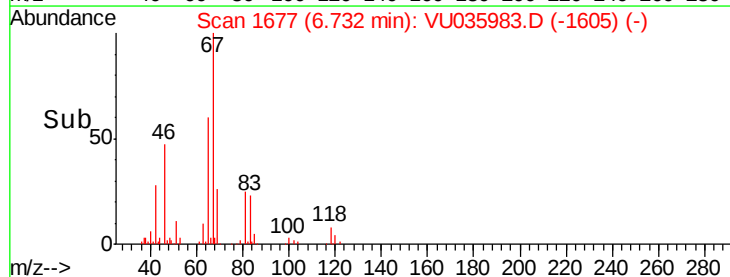
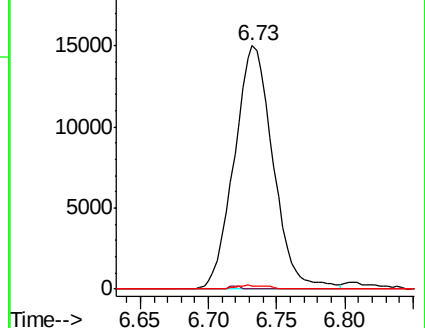
98 1.3 34.6 52.0#

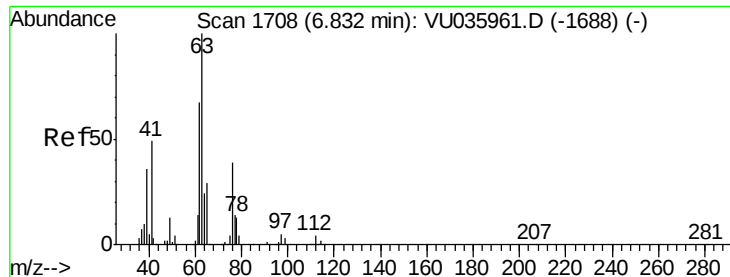


Abundance Ion 83.15 (82.85 to 83.85): VU035983.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU035983.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU035983.D (-1605) (-)





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035983.D

Acq: 04 Dec 2019 20:15

Instrument :

MSVOA_U

ClientSampleId :

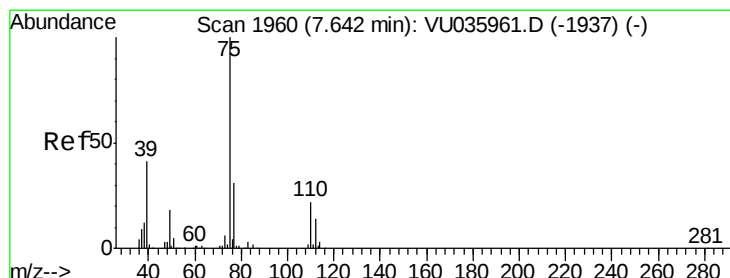
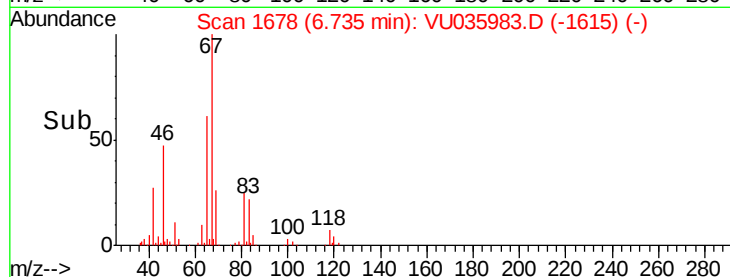
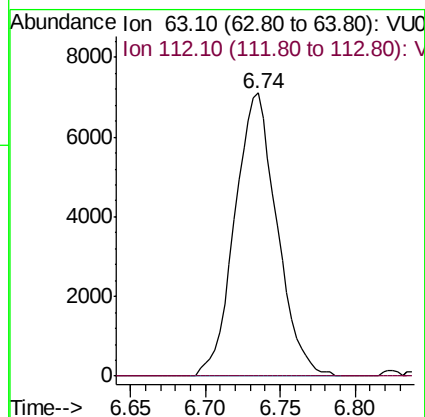
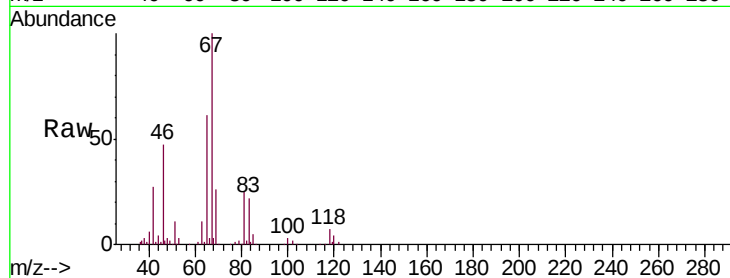
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Tgt Ion: 63 Resp: 13928

Ion Ratio Lower Upper

63 100

112 0.8 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU035983.D

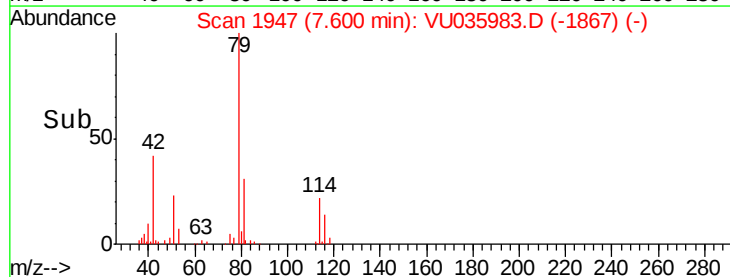
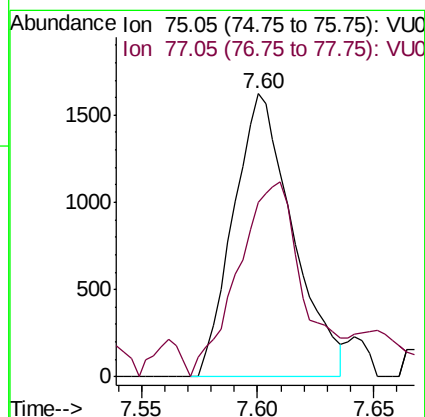
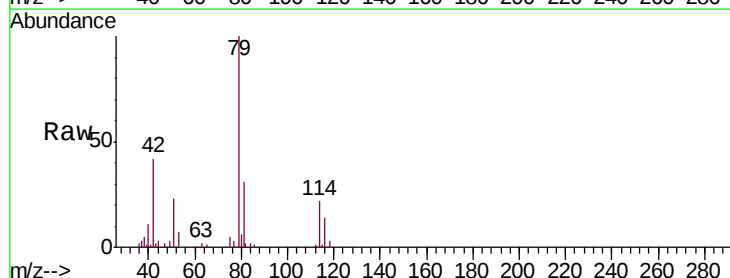
Acq: 04 Dec 2019 20:15

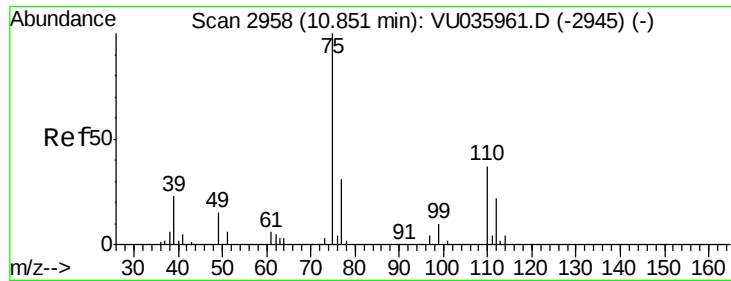
Tgt Ion: 75 Resp: 2888

Ion Ratio Lower Upper

75 100

77 61.6 21.9 40.7#

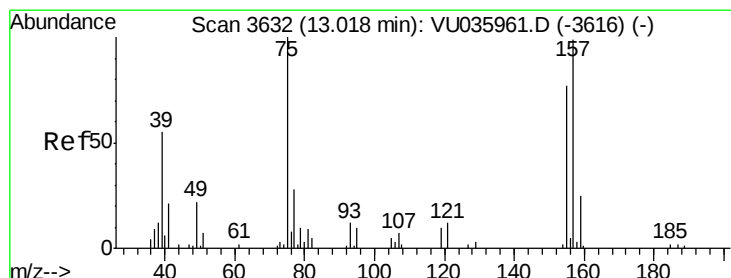
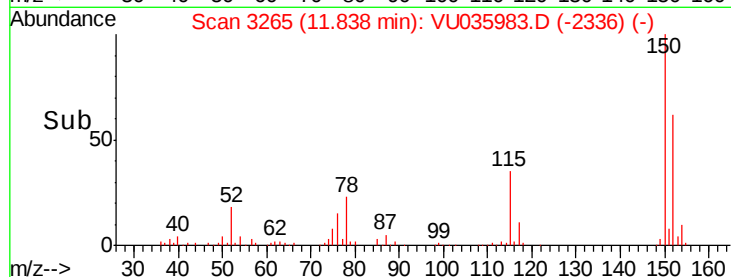
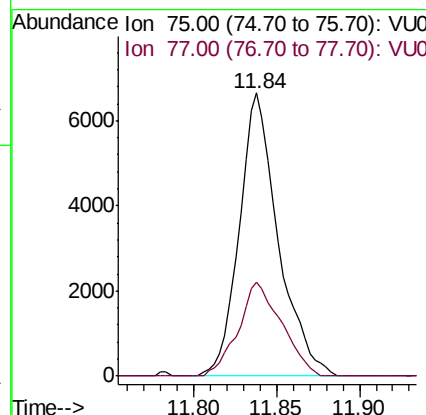
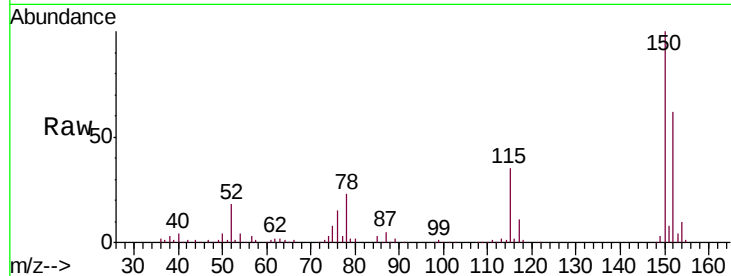




#59
 1,2,3-Trichloropropane
 Concen: 0.626 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035983.D
 Acq: 04 Dec 2019 20:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR9

Tgt Ion: 75 Resp: 10842
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.6 39.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.145 ug/L
 RT: 13.00 min Scan# 3625
 Delta R.T. -0.02 min
 Lab File: VU035983.D
 Acq: 04 Dec 2019 20:15

Tgt Ion: 75 Resp: 332
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.1 82.7#
 157 0.0 74.0 111.0#

